

ISLAND MOUNTAIN MINE.

REPORT OF WM. CRAIB.

ONWARD RANCH, CARIBOO ROAD, B. C.,
October 3rd, 1886.

MESSRS. DUNLEVY, WALKEM & Co.,
GENTS,

At your request I made an examination of the Island Mountain Mine and Steadman Mine, and as it will be necessary to make separate reports on each property, I will first report to you on the Island Mountain Mine.

You requested and desired that I should make an examination of the property and report to you my opinion as to its locality and situation for a true and permanent vein and the best method of working the same, and also make a practical milling test of the ores from the face of the tunnels, along with such recommendations that I might suggest as to the most economical method of reducing the same.

The Island Mountain Mine is situated in Island Mountain, distant about $5\frac{1}{2}$ miles westerly from Barkerville, and near what is known as Jack of Clubs Lake (see map.) The vein is what is termed a true vein encased in schist or slate and can be traced on the surface northerly for over a mile. I found the ledge opened up in several places for over a thousand feet and the matrix of all the exposures showed the same character of ore, viz., quartz, heavily impregnated with auriferous pyrites or sulphurets of iron. The ledge, however, is more fully exposed in the two tunnels, Walker and St. John's, distant about 500 feet on a level from each other. The Walker being opened on the northern portion of the mine